

## Smaller Herd



**20 gallon capacity**  
Dimensions (LxWxH): 36"x28"x45"

This electrically heated pasteurizer features automated pasteurization cycles easily navigated by using a large touch-screen. An in-built pump provides easy dispensing as well as agitation during pasteurizing. Included is a programmable re-heat and pre-cool option. This unit requires manual washing.

## Larger Herd



**120 gallon capacity** Dimensions (LxWxH): 72"x36"x48"  
**150 gallon capacity** Dimensions (LxWxH): 84"x36"x48"  
**200 gallon capacity** Dimensions (LxWxH): 102"x36"x48"

This large capacity pasteurizer features automated pasteurization cycles easily navigated by using a large PLC screen. This pasteurizer requires integration with hot water heater for heating cycle. An in-built pump provides easy dispensing as well as agitation during pasteurizing. Included is a re-heat and pre-cool option. Automatic clean-in-place (CIP) system makes sanitation easy and accurate with included peristaltic chemical pump.

## Medium Herd



**40 gallon capacity**  
Dimensions (LxWxH): 56"x29"x60"  
**60 gallon capacity**  
Dimensions (LxWxH): 56"x30"x60"

This electrically heated pasteurizer features automated pasteurization cycles easily navigated by using a large screen. An in-built pump provides easy dispensing as well as agitation during pasteurizing. Included is a re-heat and pre-cool option. Automatic clean-in-place (CIP) system makes sanitation easy and accurate with optional peristaltic chemical pump.

## Pasteurizer Kit



**Convert Bulk Tank to Pasteurizer Kit**  
300-800 gallons

This conversion kit provides everything that you would ever need to build a pasteurizer. Simply attach it to an existing bulk tank and create a large capacity pasteurizer.

Assembly includes:

- automatic wash cycle with peristaltic chemical pump
- PLC control box
- Milk Circulation/Unloading Pump
- Hot water circulation pump
- Water control solenoids
- Heat/cool exchanger



### easy to use controls

The Westwaard Calf Milk pasteurizers feature an easy to navigate touch screen and two large manual switches for critical tasks. The screen keeps you informed each step of the way as the pasteurizing cycle progresses.



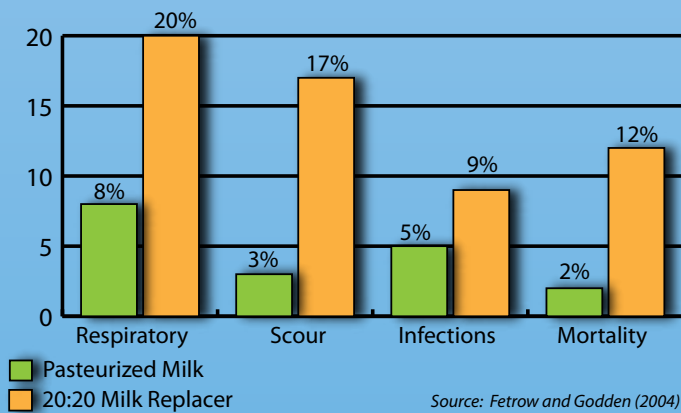
# RAISE HEALTHY CALVES PROFITABLY



- ▶ **Pump Agitation:** our pasteurizers use pump agitation to ensure the best mixing of milk ensuring proper pasteurization and prevent molecular clumping
- ▶ **Programmable Cycles:** schedule pasteurization for a convenient time, "pre-cool" program will keep milk cool until the cycle starts
- ▶ **Temperature Sensors:** are located either on tank (20 gal model) or draw line to pump constantly verifying proper temperature
- ▶ **Clean-in-Place (CIP) System:** full automatic cleaning saves time
- ▶ **Peristaltic Chemical Pump:** guarantees accurate doses and prevents spills and contamination



## pasteurized milk vs milk replacer health incidence



A University of Minnesota study has shown that significantly fewer calves on pasteurized milk diet required treatment. Respiratory incidence was 2.5 times lower for calves fed pasteurized milk. These calves were also 5.6 times less likely to suffer from scours and less than half likely to be susceptible to infections. Perhaps most significantly, pre-weaning mortality rates were six times lower for calves fed pasteurized milk.

Source: Godden et al., 2005

### calf milk treatment methods

	batch pasteurizing	HTST pasteurizing	UV treatment
Initial Cost	\$	\$\$\$	\$\$
Maintenance Cost	\$	\$\$\$	\$\$\$
Temperature	145°F	161°F	radiation
Time	30min	15sec	2hrs
Bacterial Kill	effective	effective	not yet proven

Source: Godden, L.M. (2007) *Reproductive and Health Care of the Dairy Calf*, Calf Care Series, Westward Publishing, Inc. 2007

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## calf milk pasteurizing



### raise 'em right

- built-to-last design
- instant savings
- bigger calves



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www.GoldenCalfCompany.com